



# सीएसआईआर - राष्ट्रीय रासायनिक प्रयोगशाला

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

डॉ. होमी भाभा मार्ग, पुणे - 411 008, भारत



## CSIR - NATIONAL CHEMICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. Homi Bhabha Road, Pune - 411 008, India

### MOST URGENT

No. NCL/RTI/R/2018-19

11<sup>th</sup> December, 2018

TO,

VISHAL RAKHECHA  
22/5/1, 72<sup>ND</sup> CROSS,  
RAJAJINAGAR,  
BANGALORE,  
PIN: 560 010

Ref.: Your application dated 06.11.2018 requesting information under the RTI Act,

2005

Sir,

Information with respect to your RTI application dated 06.11.2018 (received on 20.11.2018) which comprises of 113 pages in toto, is being supplied under the extant provisions of RTI Act, 2005 and the same is as follows:-

Verbatim text of information sought	Reply
Details regarding the expenditure to purchase/subscription of e-journals, digital databases, print journals and books for the year 2013 to 2018.	Photocopies of relevant and available office record are enclosed herewith.
List of consortiums for the purpose of accessing electronic knowledge databases.	

In case you are not satisfied with the above reply, you may choose to file an appeal with the First Appellate Authority within a period of 30 days from the date of receipt of this letter. The appeal, if any may be addressed to **Dr. Subhash P. Chavan, Chief Scientist & First Appellate Authority, Organic Chemistry Division, CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pune 411 008**

Yours faithfully,

(Pooja P. Kulkarni)  
AO & CPIO (Admn.)

Encl: as above

#### Communication Channels

NCL Level DID : 2590  
NCL Board No. : +91-20-25902000  
EPABX : +91-20-25893300  
          : +91-20-25893400

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SPO's Office : +91-20-25902664

#### WEBSITE

www.ncl-india.org

## 2013 Journals (E+P) & E-Database Subscription Expenditure

### 1 E-Journal Subscription 2013

1 E-Journal Subscription 2013			
Sr. No.	Title	Publisher	Price in Indian Rs.
1) 1	Chemistry World	Royal Society of Chemistry	644991
2	Chemical Society reviews		
3	Cry. Engg. Communication		
4	Nanoscale		
5	Green chemistry		
6	Polymer chemistry		
7	Analytical science collection	Royal Society of Chemistry	1708609
8	Analist		
9	analist abstractor		
10	analytical Methods		
11	Journal of Analytical Atomic Spectroscopy		
12	Environmental science Processes and Impacts		
13	Core Chemistry collection		
14	chemical Communication		
15	chemical science		
16	Dalton Transactions		
17	Journal of mathematical Chemistry A/B/C		
18	New Journal of Chemistry		
19	Organic & Biomolecular Chemistry		
20	Physical Chemistry Chemical Physics		
21		Additional Payment to RSC	319352
			Total - RS. 2673249
1	Acta Crystallographica A	Wiley	9223414
2	Acta Crystallographica B		
3	Acta Crystallographica C		
4	Acta Crystallographica D		
5	Advanced material		
6	Angewandte Chemie International Edition		
7	AIChE Journal		
8	Biotechnology and Bioengineering		
9	Biotechnology progress		
10	Chemical Record		
11	Chemistry- A European Journal		
12	Chemistry - An Asian Journal		
13	ChemCatChem		
14	ChemSusChem		
15	Environmental Progress & Sustainable Energy		
16	European Journal of Inorganic chemistry		
17	European Journal of organic chemistry		
18	FEMS Microbiology Reviews		
19	International Journal of Quantum Chemistry		
20	Journal of applied Polymer science		
21	Journal of Pharmaceutical sciences		
22	Journal of polymer science A		
23	Journal of polymer science B		
24	Micromolecular Rapid communications		
25	Micromolecular theory Simulations		
26	Macromolecular bioscience		
27	Macromolecular chemistry and physics		
28	Macromolecular reaction engineering		
29	Macromolecular symposia		
30	Polymer engineering & science		
31	Polymer International		
32	Process safety progress		
33	R & D management		
34	Small		
			Total- Rs. 9223414
1	Archives of Microbiology		
2	Biotechnology Letters		
3	Catalysis Letters		
4	Catalysis Surveys from Asia		

The information comprises of 113 pages (Page No 01 to Page No 113)  
Provides under RTI Act, 2005.



5	Plant Cell Reports	Springer	2310055
6	Plant Cell, Tissue and Organ Culture		
7	Plant Molecular Biology		
8	Polymer Bulletin		
9	Reaction Kinetics and Catalysis		
10	Topics in Catalysis		
			Total - Rs. 2310055
1	Applied Catalysis A	Elsevier	13755173
2	Applied Catalysis B		
3	Biochemical and Biophysical Research Commun		
4	Biochimica et Biophysica Acta		
5	Biomaterials		
6	Catalysis Communications		
7	Catalysis today		
8	Chemical Engineering Research and Design		
9	Chemical Engineering Science		
10	Chemical Physics Letters		
11	Computers & Chemical Engineering		
12	Current Opinion in Biotechnology		
13	Current Opinion in Chemical Biology		
14	Current Opinion in Microbiology		
15	Drug Discovery Today		
16	Enzyme and Microbial Technology		
17	Gene		
18	Journal of Catalysis		
19	Journal of Colloid and Interface Science		
20	Journal of Magnetism and Magnetic Materials		
21	Journal of Membrane Science		
22	Journal of Molecular Catalysis A		
23	Journal of Molecular Catalysis B		
24	Journal of Solid State Chemistry		
25	Materials Chemistry and Physics		
26	Materials Letters		
27	Materials Research Bulletin		
28	Microporous and Mesoporous Materials		
29	Polymer		
30	Polymer Degradation and Stability		
31	Progress in Polymer Science		
32	Research Policy		
33	Solid State Communications		
34	Tetrahedron (5 Journals)		
35	Trends in Biotechnology		
36	Trends in Genetics		
37	Trends in Plant Science		
			Total - Rs. 13755173
1	Science Online	AAAS	252707
2	Science archives	AAAS	6943
			Total - Rs. 259650
1	ACS Legacy archives	ACS	16820
2	American Chemical Society	ACS	3298015
3	Accounts of chemicals Reseach	ACS	33587
4	ACS Catalysis	ACS	42013
5	ACS Nano	ACS	42013
6	Analytical Chemistry	ACS	134408
7	Biochemistry	ACS	205795
8	Chemical Reviews	ACS	79814
9	Chemistry of materials	ACS	121768
10	Crystal growth and Design	ACS	100820
11	Industrial and Engineering chemistry research	ACS	109246
12	Inorganic chemistry	ACS	172208
13	Journal of chemical and Engineering data	ACS	50322
14	Journal of Medicinal chemistry	ACS	142834
15	Journal of Physical chemistry A	ACS	453545
16	Journal of Physical chemistry B		
17	Journal of Physical chemistry C		
18	Journal of the American chemical society	ACS	428384

19	Langmuir	ACS	206146
20	Macromolecules	ACS	172702
21	Nano Letters	ACS	109246
22	Organic letters	ACS	226734
23	Organic process reseach and Development	ACS	33587
24	Organometallics	ACS	138621
25	The Journal of organic chemistry	ACS	210008
26	The Journal of Physical chemistry Letters	ACS	42013
27	Chemical and Engineering news online	ACS	42531
			<b>TOTAL - Rs. 6613180</b>
1	2012		1787724
2	Applied Physics Letters	American Institute of Physics	146363.7
3	Journal of Applied Physics		
4	Physical Review A	American Physical Society	116648
5	Physical Review B		
6	Physical Review E		
			<b>Total - Rs. 263011.7</b>
1	Nature Biotechnology	Nature Publishing Group	31818.64
2	Nature Chemical Biology	Nature Publishing Group	35857.06
3	Nature Materials	Nature Publishing Group	35857.06
4	Nature Nanotechnology	Nature Publishing Group	28654.78
5	Nature Reviews Drug Discovery	Nature Publishing Group	28654.78
6	Nature Structural and Molecular Biology	Nature Publishing Group	28268.95
7	Nature Chemistry	Nature Publishing Group	25902.48
			<b>Total - Rs. 215013.75</b>
1	Journal of Physics Condensed Matter	IOP	64433.38
2	Nanotechnology		
3	Russian Chemical Reviews		
			<b>Total - Rs. 64433.38</b>
1	Catalysis Reviews, Science and Engineering	Taylor and Francis	763108
2	Nucleosides and Nucleotides and Nucleic acid		
3	Separation Science and Technology		
			<b>Total - Rs. 763108</b>
<b>2   Online Databases</b>			
1	Sci-Finder	CAS	2960536
2	Thompson Innavation Patent Database	Thompson Innavation	323499.96
			<b>Total - Rs. 3284035.96</b>
<b>3   Foreign Direct Print Journals 2013</b>			
1	Agricell Report	Agritech Consultants, Inc.	19262
2	IHS Chemical Week	IHS, Inc.	40679
3	The catalyst Review	Catalyst-Group Resources, Inc.	35807
4	CHIMIA	Swiss chemical Society	30264
5	China Chemical Reporter	center	39783
			<b>Total - Rs. 165795</b>
<b>4   Indian Direct Print Journals 2013</b>			
1	Fire and Safety	Kings Infomedia	1000
2	Economic and Political weekly	Economic and Political weekly	3000
3	Science and culture	Indian Science News Association	1500
4	Indian Chemical Society	Indian Chemical Society	4500
5	Chemical Industry Digest	Blockdate	960
6	Chemical Business	Colour Publication	500
7	Popular Plastic & Packaging	Colour Publication	600
8	Proceedings: Mathematical Science	Indian Academy of Science	300
9	Journal of Chemical Science	Indian Academy of Science	400
10	Resonance	Indian Academy of Science	500
11	Chemical Engineering World	Jasubhai Media PVT. LTD.	1530
12	Media Plastic Data service	Media Plastic Data service	350
13	Chemical World	Network 18 Media	600
14	Safety Equipment Review	Safety Publication	1000
15	Chemical Weekly	Sevak Publications	1200
16	Industrial Economist	Industrial Economist	160
17	Chemical News	Indian Chemical Council	1500
18	Energy Future	TERI Press	800
19	Kalyan	Gita Press	180
20	Journal of the Indian Institute of Science	Indian Institute of Science	2000
21	Current Index of Medical Specialities	UMB Media PVT. LTD.	2280



22	Nanotech Insight	of Nanoscience and Tech	5000
23	Economist	Bennett Coleman and co.	4000
24	Business India	Business India pub. Ltd.	550
			<b>Total - Rs. 34410</b>

**5 Print Journals thru ALLIED Publishers Subsc. Agency 2013**

1	Plant Cell	American Society for plant Biologist	171143
2	Plant Physiology	American Society for plant Biologist	
3	Synlett	Thieme	124601
4	Chemistry	Thieme	184892
5	Bulletin of Chemical Society of Japan	Chemical Society of Japan	72578.2
6	Biological Pharamaceutical Bulletin	Pharamaceutical Society of Japan	42192.8
7	Chemical Engineering Progress	AIChE	24914.9
8	Chemistry Letters	Chemical Society of Japan	50371.4
9	Harward Business Review south Asia	Harward Business Review south Asia	6435
10	Journal of Nanoscience and Nanotech	American science Pub.	342309
11	Plastics Technology Magazine	Gardner Publication	10832.5
12	Research Technology Management	Industrial Research Institute	14924.7
13	The Chemical Engineer	Institute of Chemical Engineer	17160.6
14	ICIS Chemical Business	Reed Business Information	42928.1
15	New Scientist	Reed Business Information	17676.2
16	Speciality Chemicals	Quartz Business Media	10656.3
			<b>Total - Rs. 1133615.7</b>

<b>2013 E + P Journal+ E-Database Subscription Expenditure</b>			<b>Grand Total - Rs. 40758144.49</b>
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## 2014 Journals (E+P) & E-Database Subscription Expenditure

### E-Journal Subscription 2014

Sr. No.	Title	Publisher	Price in INR
1	Biochimica et Biophysica Acta General Subjects	Elsevier	1405605
2	Chemical Engineering & Science		
3	Trends in Plant Science		
4	Current Opinion in Biotechnology		
5	Current Opinion in Chemical Biology		
6	The Catalyst Review	ICGR	68784
7	China Chemical Reporter	CNCRC	61315
8	CHIMIA	Swiss Chemical Society	33393
9	I H S Chemical Week	I H S	19106
10	Chemistry & Materials Science Subject Collection Journals	Springer	1460000
11	Biomedical & Life Sciences Subject Collection Journals		
12	Applied Physics Letter	AIP	181120
13	Journal of Applied Physics		
14	Nature Biotechnology	Nature	164034
15	Nature Chemical Biology		
16	Nature Chemistry		
17	Nature Materials	APS	144352
18	Physical Review A		
19	Physical Review B		
20	Physical Review E	AAAS	No Payment
21	Science		
22	Nature Online Main Journal	Nature	No Payment
23	ACS All Web Edition Online Jnls. (23 Titles)	ACS	6021378
24	RSC Journals (31 Titles)	RSC	No Payment, Paid by Consortium
25	Taylor & Francis All Titles	Taylor & Francis	No Payment, Paid by Consortium
26	Wiley (Selected 33 Titles)	Wiley	No Payment, Paid by Consortium
Total - Rs. 95,59,087			

### Online Databases 2014

1	Scifinder Database	CAS, USA	2419186
2	Web of Science Database	Thomson Reuters	432366
3	Thomson Innovation Patent Database	Thomson Reuters	523607
Total - Rs. 33,75,159			

### Indian Direct Print Journals 2014

1	Fire & Safety	Kings Infomedia Pvt. Ltd., Mumbai	1000
2	Popular Plastics & Packaging	Colour Pub. Pvt. Ltd., Mumbai	600
3	Medical Plastics Data Service	Classic Computers Services, Ahmedabad	350
4	Journal of the Indian Institute of Science	IISC, Bangalore	2000
5	Proceedings of Mathematical Sciences	Indian Academy of Sciences, Bangalore	1200
6	Resonance		
7	Int. Of Chemical Sciences		
8	Energy Future	TERI Press, Delhi	800
9	Economic & Political Weekly	Economic & Political Weekly	3300
10	Int. of the Indian Chemical Society	Indian Chemical Society	4500
11	Chemical News	Indian Chemical Council, Mumbai	1500
12	Chemical Industry Digest	Blockdale, Mumbai	1150
13	Chemical Weekly	Sevak Pub., Mumbai	1200
14	Industrial Economist	Economist Communications Ltd., Chennai	200
15	Chemical Engg. World	Jasubhai Media Pvt. Ltd., Mumbai	1620
16	Chemical Business	Colinar Pub. Pvt. Ltd., Mumbai	500
17	Safety Equipment Reviews	Safety Pub., Mumbai	500
18	Science & Culture	Indian Sci. News Assoc., Kolkata	1500
19	Current Index of Medical Specialities (CIMS)	UBM Medica India Pvt. Ltd.	3120
20	The Economist	Bennett, Coleman & Co. Ltd.	4500
21	Nanotech Insights	CKMNT, Secunderabad	5000
22	Business India	Business India publication Ltd.	550
Total - Rs. 35,090			

### Print Journals Thru ALLIED Publishers Subsc. Agency 2014

1	Bulletin of the Chemical Society	The Chemical Society of Japan	82099.71
2	Pharmaceutical Bulletin	The Pharmaceutical Society of Japan	39561.39
3	Chemical Engineering Progress	AIChE	29758.41
4	Chemistry Letters	The Chemical Society of Japan	57008.16
5	New Scientist	RBI	19197.09
6	ICIS Chemical Business	ICIS	43325.37
7	The Chemical Engineer	Icheme	22240.35
8	Speciality Chemicals	Quartz Chemicals	13484.79
Total - Rs. 3,06,675			

### 2014 E + P Journal+ E-Database Subscription Expenditure

(Grand Total - 1,32,76,011)

In Words : One Crores Thirty Two lacs Seventy Six thousand Eleven rupees



## EXPENDITURE REGARDING SUBSCRIPTION OF E-JOURNALS, DIGITAL DATABASES &amp; PRINT JOURNALS BY NCL PUNE FOR THE YEAR 2015

## EXPENDITURE ON E-JOURNALS

Sl.No	Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1	Science Classics Back Files AMU	AAAS	Online	JAN-DEC 2015	Group Net	7779
2	ACS AR Index - 41 Journals Complete Web Edition (Online)	ACS	Online	JAN-DEC 2015	NKRC Consortium , NISCAIR	5879874
3	Accounts of Chemical Research	ACS	Online	JAN-DEC 2015		
4	ACS Applied Materials & Interfaces	ACS	Online	JAN-DEC 2015		
5	ACS Catalysis	ACS	Online	JAN-DEC 2015		
6	ACS Chemical Biology	ACS	Online	JAN-DEC 2015		
7	ACS Chemical Neuroscience	ACS	Online	JAN-DEC 2015		
8	ACS Combinatorial Science	ACS	Online	JAN-DEC 2015		
9	ACS Medicinal Chemistry Letters	ACS	Online	JAN-DEC 2015		
10	ACS Nano	ACS	Online	JAN-DEC 2015		
11	Analytical Chemistry	ACS	Online	JAN-DEC 2015		
12	Biochemistry	ACS	Online	JAN-DEC 2015		
13	Bioconjugate Chemistry	ACS	Online	JAN-DEC 2015		
14	Chemical Communications	ACS	Online	JAN-DEC 2015		
15	Chemical Research in Toxicology	ACS	Online	JAN-DEC 2015		
16	Chemical Reviews	ACS	Online	JAN-DEC 2015		
17	Chemistry of Materials	ACS	Online	JAN-DEC 2015		
18	Crystal Growth and Design	ACS	Online	JAN-DEC 2015		
19	Energy & Fuels	ACS	Online	JAN-DEC 2015		
20	Environmental Science & Technology	ACS	Online	JAN-DEC 2015		
21	Industrial & Engineering Chemistry Research	ACS	Online	JAN-DEC 2015		
22	Inorganic Chemistry	ACS	Online	JAN-DEC 2015		
23	Journal of Agricultural & Food Chemistry	ACS	Online	JAN-DEC 2015		
24	Journal of Chemical & Engineering Data	ACS	Online	JAN-DEC 2015		
25	Journal of Chemical Education	ACS	Online	JAN-DEC 2015		
26	Journal of Chemical Information and Modeling	ACS	Online	JAN-DEC 2015		
27	Journal of Chemical Theory and Computation	ACS	Online	JAN-DEC 2015		
28	Journal of Medicinal Chemistry	ACS	Online	JAN-DEC 2015		
29	Journal of Natural Products	ACS	Online	JAN-DEC 2015		
30	Journal of Organic Chemistry	ACS	Online	JAN-DEC 2015		
31	Journal of Physical Chemistry A	ACS	Online	JAN-DEC 2015		
32	Journal of Physical Chemistry B	ACS	Online	JAN-DEC 2015		
33	Journal of Physical Chemistry C	ACS	Online	JAN-DEC 2015		
34	Journal of Physical Chemistry Letters	ACS	Online	JAN-DEC 2015		
35	Journal of Proteome Research	ACS	Online	JAN-DEC 2015		
36	Journal of the American Chemical Society	ACS	Online	JAN-DEC 2015		
37	Langmuir	ACS	Online	JAN-DEC 2015		
38	Macromolecules	ACS	Online	JAN-DEC 2015		
39	Molecular Pharmaceutics	ACS	Online	JAN-DEC 2015		
40	Nano Letters	ACS	Online	JAN-DEC 2015		
41	Organic Letters	ACS	Online	JAN-DEC 2015		
42	Organic Process Research & Development	ACS	Online	JAN-DEC 2015		
43	Organometallics	ACS	Online	JAN-DEC 2015		
44	Nature Chemical Biology	Palgrave Macmillan /Nature Pub.Group	Online	JAN-DEC 2015	NKRC Consortium , NISCAIR	549071
45	Nature Chemistry		Online	JAN-DEC 2015		
46	Nature Materials		Online	JAN-DEC 2015		
47	Nature Communications		Online	JAN-DEC 2015		
48	Nature Nanotechnology		Online	JAN-DEC 2015		
49	Nature Structural & Molecular Biology		Online	JAN-DEC 2015		
50	Nature Reviews Drug Discovery		Online	JAN-DEC 2015		
51	Journal of Antibiotics		Online	JAN-DEC 2015		
52	Nature Cell Biology		Online	JAN-DEC 2015		
53	Nature Methods		Online	JAN-DEC 2015		
54	Nature Reviews Molecular Cell Biology		Online	JAN-DEC 2015		
55	Nature Reviews Cancer		Online	JAN-DEC 2015		
56	Nature Protocols		Online	JAN-DEC 2015		
57	Nature Biotechnology	RSC (31 Titles) (Online Only)	Online	JAN-DEC 2015	NKRC Consortium , NISCAIR	Nil
58	Analytical Abstracts		Online	JAN-DEC 2015		
59	Annual Reports on the Progress of Chemistry Sec A		Online	JAN-DEC 2015		
60	Annual Reports on the Progress of Chemistry Sec B		Online	JAN-DEC 2015		
61	Annual Reports on the Progress of Chemistry Sec C		Online	JAN-DEC 2015		
62	Catalysts & Catalysed Reactions		Online	JAN-DEC 2015		
63	Chemical Communications		Online	JAN-DEC 2015		
64	Chemical Hazards		Online	JAN-DEC 2015		
65	Chemical Society Reviews		Online	JAN-DEC 2015		
66	Chemistry World		Online	JAN-DEC 2015		
67	CrystEngComm		Online	JAN-DEC 2015		
68	Dalton Transactions		Online	JAN-DEC 2015		
69	Faraday Discussions		Online	JAN-DEC 2015		
70	Green Chemistry		Online	JAN-DEC 2015		
71	Issues in Environmental Sc. & Technology		Online	JAN-DEC 2015		
72	Journal of Analytical Atomic Spectrometry		Online	JAN-DEC 2015		
73	Journal of Environmental Monitoring		Online	JAN-DEC 2015		
74	Journal of Materials Chemistry B		Online	JAN-DEC 2015		
75	Journal of Materials Chemistry A		Online	JAN-DEC 2015		
76	Journal of Materials Chemistry C		Online	JAN-DEC 2015		
77	Lab on a Chip		Online	JAN-DEC 2015		
78	Laboratory Hazards Bulletin		Online	JAN-DEC 2015		
79	Methods in Organic Synthesis		Online	JAN-DEC 2015		
80	Molecular BioSystems		Online	JAN-DEC 2015		



81 Natural Product Reports		Online	JAN-DEC 2015		
82 Natural Product Updates		Online	JAN-DEC 2015		
83 New Journal of Chemistry		Online	JAN-DEC 2015		
84 Organic & Biomolecular Chemistry		Online	JAN-DEC 2015		
85 Photochemical & Photobiological Sciences		Online	JAN-DEC 2015		
86 Physical Chemistry Chemical Physics		Online	JAN-DEC 2015		
87 Soft Matter		Online	JAN-DEC 2015		
88 The Analyst		Online	JAN-DEC 2015		
89 NANOMATERIALS		Online	JAN-DEC 2015		
90 RSC ADVANCES		Online	JAN-DEC 2015		
91 CHEMICAL SCIENCE		Online	JAN-DEC 2015		
92 Applied R Journals (10 Subscribed Inds) & 2 Subject Collec		Online	JAN-DEC 2015		
93 Archives of Microbiology		Online	JAN-DEC 2015		
94 Biotechnology Letters		Online	JAN-DEC 2015		
95 Catalysis Letters		Online	JAN-DEC 2015		
96 Catalysis Surveys from Asia		Online	JAN-DEC 2015		
97 Plant Cell Reports		Online	JAN-DEC 2015		
98 Plant Cell, Tissue & Organ Culture		Online	JAN-DEC 2015		
99 Plant Molecular Biology		Online	JAN-DEC 2015		
100 Polymer Bulletin		Online	JAN-DEC 2015		
101 Reaction Kinetics, Mechanisms & Catalysis		Online	JAN-DEC 2015		
102 Topics in Catalysis		Online	JAN-DEC 2015		
103 Catalysis Reviews: Science & Engg.		Online	JAN-DEC 2015		
104 Nucleosides, Nucleotides & Nucleic acids		Online	JAN-DEC 2015		
105 Separation Science & Technology		Online	JAN-DEC 2015		
106 Synthetic Communications		Online	JAN-DEC 2015		
107 Acta Crystallographica Section A		Online	JAN-DEC 2015		
108 Acta Crystallographica Section B		Online	JAN-DEC 2015		
109 Acta Crystallographica Section C		Online	JAN-DEC 2015		
110 Acta Crystallographica Section D		Online	JAN-DEC 2015		
111 Advanced Materials		Online	JAN-DEC 2015		
112 AIChE Journal		Online	JAN-DEC 2015		
113 Angewandte Chemie International Edition		Online	JAN-DEC 2015		
114 Biotechnology & Bioengineering		Online	JAN-DEC 2015		
115 Chemistry - A European Journal		Online	JAN-DEC 2015		
116 Environmental Progress & Sustainable Energy		Online	JAN-DEC 2015		
117 European Journal of Inorganic Chemistry		Online	JAN-DEC 2015		
118 European Journal of Organic Chemistry		Online	JAN-DEC 2015		
119 FEMS Microbiology Reviews		Online	JAN-DEC 2015		
120 International Journal of Quantum Chemistry		Online	JAN-DEC 2015		
121 Journal of Applied Polymer Science		Online	JAN-DEC 2015		
122 Journal of Pharmaceutical Sciences		Online	JAN-DEC 2015		
123 Journal of Polymer Science PART A		Online	JAN-DEC 2015		
124 Journal of Polymer Science PART B		Online	JAN-DEC 2015		
125 Macromolecular Bioscience		Online	JAN-DEC 2015		
126 Macromolecular Chemistry and Physics		Online	JAN-DEC 2015		
127 Macromolecular Rapid Communications		Online	JAN-DEC 2015		
128 Macromolecular Symposia		Online	JAN-DEC 2015		
129 Macromolecular Theory and Simulations		Online	JAN-DEC 2015		
130 Polymer Engineering & Science		Online	JAN-DEC 2015		
131 Polymer International		Online	JAN-DEC 2015		
132 Process Safety Progress		Online	JAN-DEC 2015		
133 R & D Management		Online	JAN-DEC 2015		
134 The Chemical Record		Online	JAN-DEC 2015		
135 ChemCatChem Online		Online	JAN-DEC 2015		
136 ChemSusChem Online		Online	JAN-DEC 2015		
137 Chemistry - An Asian Journal Online		Online	JAN-DEC 2015		
138 CMAA Online		Online	JAN-DEC 2015		
139 Plant Cell	American Society of Plant Biologists	Online	JAN-DEC 2015		
140 Plant Physiology	American Society of Plant Biologists	Online	JAN-DEC 2015	Allied	221793
141 Synlett	THIEME	Online	JAN-DEC 2015		
142 Synthesis	THIEME	Online	JAN-DEC 2015	Allied	176160
143 CHINA CHEMICAL REPORT PR	BEIJING CDS INFORMATION CONSULTING CO LTD	Online	JAN-DEC 2015	BEIJING CDS INF.CO. LTD.	261270
144 SCIENCE DIRECT - 2 Subject Collection	Elsevier	Online	JAN-DEC 2015	ELSEVIER	62897
145 Applied Physics Letters	AIP	Online	JAN-DEC 2015	NKRC Consortium, NISCAIR	15661600
146 Journal of Chemical Physics		Online	JAN-DEC 2015		
147 Physical Review A		Online	JAN-DEC 2015		
148 Physical Review B: Condensed Matter	APS	Online	JAN-DEC 2015	NKRC Consortium, NISCAIR	212143
149 Physical Review E		Online	JAN-DEC 2015		
150 Nature Online Main Journal	Palgrave Macmillan /Nature Pub.Group	Online	JAN-DEC 2015	NKRC Consortium, NISCAIR	149424
151 The Catalyst Review	ICGR	Online	JAN-DEC 2015	ICGR	NII
152 Chemical & Engineering News	ACS	Online	JAN-DEC 2015	ACS	90175
				ACS	55181
				Total	Rs. 2,48,14,801

#### EXPENDITURE ON DIGITAL DATABASES

Sl No.	Title of the E & Print Resource	Publisher	Access Mo	Subscription Per	Subscribed Through	Cost in INR
1	THOMSON INNOVATION DATABASE	THOMSON REUTERS	Online	JAN-DEC 2015	NKRC Consortium, NI	539316
2	WILEY OF SCIENCE	THOMSON REUTERS	Online	JAN-DEC 2015	NKRC Consortium, NI	445354
3	SCIFINDER	CAS	Online	JAN-DEC 2015	NKRC Consortium, NI	2515964
				Total		Rs. 35,00,634

#### EXPENDITURE ON PRINT JOURNALS



Sl.No	Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1	CHEMICAL INDUSTRY DIGEST	BLOCKDALE	PRINT	JAN-DEC 2015	BLOCKDALE	1350
2	BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN	CHEMICAL SOCIETY OF JAPAN	PRINT + Online	JAN-DEC 2015	ALLIED	145504
3	CHEMISTRY LETTERS	CHEMICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2015	ALLIED	
4	MEDICAL PLASTICS DATA SERVICE	CLASSIC COMPUTERS	Print + Online	JAN-DEC 2015	CLASSIC COMP.	350
5	CHEMICAL BUSINESS	COLOUR PUBLICATIONS PVT LTD	Print	JAN-DEC 2015	COLOUR	500
6	POPULAR PLASTICS AND PACKAGING	COLOUR PUBLICATIONS PVT LTD	Print	JAN-DEC 2015	COLOUR	600
7	SPECIALITY CHEMICALS	DMG BUSINESS MEDIA	PRINT	MAY 15 - APRIL 14	ALLIED	13822
8	INDUSTRIAL ECONOMIST	ECONOMIST COMMUNICATIONS LTD	Print + Online	JAN-DEC 2015	EC LTD.	200
9	JOURNAL OF CHEMICAL SCIENCES	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2015	IAS	1100
10	PROCEEDINGS OF THE INDIAN ACADEMY OF MATHEMATICS	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2015	IAS	500
11	RESONANCE	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2015	IAS	700
12	CHEMICAL NEWS	INDIAN CHEMICAL COUNCIL	PRINT	JAN-DEC 2015	ICC	1500
13	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	INDIAN CHEMICAL SOCIETY	PRINT	JAN-DEC 2015	ICS	5000
14	JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE	IISC	Print	JAN-DEC 2015	IISC	2000
15	SCIENCE AND CULTURE	INDIAN SCIENCE NEWS ASSOCIATION	Print	JAN-DEC 2015	ISNA	1700
16	CHEMICAL ENGINEER	INSTITUTION OF CHEMICAL ENGINEERS	PRINT	JAN-DEC 2015	ALLIED	22155
17	CHEMICAL ENGINEERING WORLD	JASUBHAI DIGITAL MEDIA PVT LTD	Print + Online	MAY 15 - APRIL 14	JASUBHAI	1620
18	FIRE AND SAFETY	KINGS INFOMEDIA	PRINT	MAY 14 - APR 15	KINGS INFOMEDIA	1000
19	BIOLOGICAL AND PHARMACEUTICAL BULLETIN	PHARMACEUTICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2015	ALLIED	39985
20	CHEMICAL AND PHARMACEUTICAL BULLETIN	PHARMACEUTICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2015	ALLIED	
21	ICIS CHEMICAL BUSINESS	REFD BUSINESS PUBLICATIONS	PRINT	JUNE 15 - MAY 16	ALLIED	46005
22	NEW SCIENTIST	REFD BUSINESS PUBLICATIONS	Print + Online	JUNE 15 - MAY 16	ALLIED	20181
23	ECONOMIC AND POLITICAL WEEKLY	Sameeksha Trust	PRINT	JAN-DEC 2015	SAMEEKSHA TRUST	4000
24	CHEMICAL WEEKLY	SEVAK PUBLICATIONS	PRINT	JAN-DEC 2015	SEVAK	1500
25	CHIMIA	SWISS CHEMICAL SOCIETY	Print + Online	JAN-DEC 2015	SCS	34216
26	ENERGY FUTURE	THE ENERGY AND RESOURCES INSTITUTE - TERI	PRINT	JAN-DEC 2015	TERI	800
27	CHEMICAL ENGINEERING PROGRESS	AIChE - AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	Print + Online	JAN-DEC 2015	ALLIED	32043
28	IHS Chemical Week	I H S N.Y.	Print + Online	JAN-DEC 2015	I H S	21549
29	CURRENT SCIENCE	INDIAN ACADEMY OF SCIENCES	PRINT + Online	JAN-DEC 2015	IAS	Nil
Total						Rs. 3,99,880

**2015 E + P Journal+ E-Database Subscription Expenditure**

**(Grand Total - 2,87,15,322)**

**In words :**

**Two Crores Eighty seven lacs Fifteen thousand three hundred twenty two rupees**



## 2016 Journals (E+P) & E-Database Subscription Expenditure

### E-Journal Subscription 2016

Sr. No.	Title	Publisher	Price in INR
1	APS Journals	APS	153912
2	AIP Journals	AIP	173077
3	ACS Journals	ACS	6373026
4	Chemistry & Materials Science Subject Collection Journals	Springer	1437721
5	Biomedical & Life Sciences Subject Collection Journals		
6	Nature Journals (13 Titles)		496177.5
7	The Catalyst Review	TCGR	97953
8	Chemical & Engineering News	ACS	62412
9	Science Direct (39 Titles)	Elsevier	17500000
10	CHIMIA	Swiss Chemical Society	36000
11	Science Online	iGroup Infotech India Pvt. Ltd.	340657
12	I H S Chemical Week	I H S	26740
13	China Chemical Reporter	CNCIC	70000
			<b>Total - RS. 26767675</b>

### Online Databases 2016

1	Scifinder Database	CAS, USA	2616600
2	Web of Science Database	Thomson Reuters	458730
3	Thomson Innovation Patent Database	Thomson Reuters	555495
			<b>Total - RS. 3630825</b>

### Indian Direct Print Journals 2016

1	Industrial Economist	Economist Communications Ltd., Chennai	200
2	Energy Future	TERI	800
3	Chemical Industry Digest	Blockdale, Mumbai	1350
4	Nanotech Insights News Letter	CKMNT, Secunderabad	5000
5	The Economist	Bennett, Coleman & Co. Ltd.	4500
6	Proceedings of Mathematical Sciences	Indian Academy of Sciences, Bangalore	2300
7	Resonance		
8	Int. Of Chemical Sciences		
9	Economic & Political Weekly	Economic & Political Weekly	4200
10	Journal of the Indian Institute of Science	IISC, Bangalore	2000
11	Current Index of Medical Specialities (CIMS)	UBM Medica India Pvt. Ltd.	4400
12	Science & Culture	Indian Sci. News Assoc., Kolkata	2500
13	Int. of the Indian Chemical Society	Indian Chemical Society	5500
14	Medical Plastics Data Service	Classic Computers Services, Ahmedabad	350
15	Chemical Weekly	Sevak Pub., Mumbai	1500
16	Down To Earth	Society for Environmental Communications	2270
17	Chemical Engg. World	Jasubhai Media Pvt. Ltd., Mumbai	1620
18	Fire & Safety	Kings Infomedia Pvt. Ltd., Mumbai	2000
			<b>Total - Rs. 40490</b>

### Print Journals Thru ALLIED Publishers Subsc. Agency 2016

1	Economic & Political Weekly	Economic & Political Weekly	92671.63
2	Int. of the Indian Chemical Society	Indian Chemical Society	64349.81
3	Chemical Engineering	Indian Chemical Council, Mumbai	34645
4	Synlett	THIEME	185062.6
5	Synthesis	THIEME	275685
6	Industrial Economist	REED	41699
7	The Chemical Engineer	Jasubhai Media Pvt. Ltd., Mumbai	22524
8	Plant Cell/ Plant Physiology	American Society of Plant Biologist	250115
9	Safety Equipment Reviews	Safety Pub., Mumbai	51111
10	Specialty Chemical	Mack Brooks Speciality Publishing Ltd.	13540.23
11	Science & Culture	Indian Sci. News Assoc., Kolkata	34539.12
			<b>Total - Rs. 1066742.39</b>

### 2016 E + P Journal+ E-Database Subscription Expenditure

**(Grand Total - 31505732.39)**



## EXPENDITURE ON E JOURNALS

S.No.	Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1	Science Online + Science + Classics Back Files AMU	AAAS	Online	JAN-DEC 2017	Group Net	421205
2	ACS All Titles - 41 Journals Complete Web Edition (On		Online	JAN-DEC 2017		
3	Accounts of Chemical Research		Online	JAN-DEC 2017		
4	ACS Applied Materials & Interfaces		Online	JAN-DEC 2017		
5	ACS Catalysis		Online	JAN-DEC 2017		
6	ACS Chemical Biology		Online	JAN-DEC 2017		
7	ACS Chemical Neuroscience		Online	JAN-DEC 2017		
8	ACS Combinatorial Science		Online	JAN-DEC 2017		
9	ACS Medicinal Chemistry Letters		Online	JAN-DEC 2017		
10	ACS Nano		Online	JAN-DEC 2017		
11	Analytical Chemistry		Online	JAN-DEC 2017		
12	Biochemistry		Online	JAN-DEC 2017		
13	Bioconjugate Chemistry		Online	JAN-DEC 2017		
14	Biomacromolecules		Online	JAN-DEC 2017		
15	Chemical Research in Toxicology		Online	JAN-DEC 2017		
16	Chemical Reviews		Online	JAN-DEC 2017		
17	Chemistry of Materials		Online	JAN-DEC 2017		
18	Crystal Growth and Design		Online	JAN-DEC 2017		
19	Energy & Fuels		Online	JAN-DEC 2017		
20	Environmental Science & Technology		Online	JAN-DEC 2017		
21	Industrial & Engineering Chemistry Research		Online	JAN-DEC 2017		
22	Inorganic Chemistry		Online	JAN-DEC 2017		
23	Journal of Agricultural & Food Chemistry	ACS	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	7214465
24	Journal of Chemical & Engineering Data		Online	JAN-DEC 2017		
25	Journal of Chemical Education		Online	JAN-DEC 2017		
26	Journal of Chemical Information and Modeling		Online	JAN-DEC 2017		
27	Journal of Chemical Theory and Computation		Online	JAN-DEC 2017		
28	Journal of Medicinal Chemistry		Online	JAN-DEC 2017		
29	Journal of Natural Products		Online	JAN-DEC 2017		
30	Journal of Organic Chemistry		Online	JAN-DEC 2017		
31	Journal of Physical Chemistry A		Online	JAN-DEC 2017		
32	Journal of Physical Chemistry B		Online	JAN-DEC 2017		
33	Journal of Physical Chemistry C		Online	JAN-DEC 2017		
34	Journal of Physical Chemistry Letters		Online	JAN-DEC 2017		
35	Journal of Proteome Research		Online	JAN-DEC 2017		
36	Journal of the American Chemical Society		Online	JAN-DEC 2017		
37	Langmuir		Online	JAN-DEC 2017		
38	Macromolecules		Online	JAN-DEC 2017		
39	Molecular Pharmaceutics		Online	JAN-DEC 2017		
40	Nano Letters		Online	JAN-DEC 2017		
41	Organic Letters		Online	JAN-DEC 2017		
42	Organic Process Research & Development		Online	JAN-DEC 2017		
43	Organometallics		Online	JAN-DEC 2017		
44	Nature Chemical Biology		Online	JAN-DEC 2017		
45	Nature Chemistry		Online	JAN-DEC 2017		
46	Nature Materials		Online	JAN-DEC 2017		
47	Nature Communications		Online	JAN-DEC 2017		
48	Nature Nanotechnology		Online	JAN-DEC 2017		
49	Nature Structural & Molecular Biology		Online	JAN-DEC 2017		
50	Nature Reviews Drug Discovery		Online	JAN-DEC 2017		
51	Journal of Antibiotics	Palgrave Macmillan /Nature Pub Group	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	446923
52	Nature Cell Biology		Online	JAN-DEC 2017		
53	Nature Methods		Online	JAN-DEC 2017		
54	Nature Reviews Molecular Cell biology		Online	JAN-DEC 2017		
55	Nature Reviews Cancer		Online	JAN-DEC 2017		
56	Nature Protocols		Online	JAN-DEC 2017		
57	Nature Biotechnology		Online	JAN-DEC 2017		
58	Analytical Abstracts		Online	JAN-DEC 2017		
59	Annual Reports on the Progress of Chemistry Sec A		Online	JAN-DEC 2017		
60	Annual Reports on the Progress of Chemistry Sec B		Online	JAN-DEC 2017		
61	Annual Reports on the Progress of Chemistry Sec C		Online	JAN-DEC 2017		
62	Catalysts & Catalysed Reactions		Online	JAN-DEC 2017		
63	Chemical Communications		Online	JAN-DEC 2017		
64	Chemical Hazards		Online	JAN-DEC 2017		
65	Chemical Society Reviews		Online	JAN-DEC 2017		
66	Chemistry World		Online	JAN-DEC 2017		
67	CrystEngComm		Online	JAN-DEC 2017		
68	Dalton Transactions		Online	JAN-DEC 2017		
69	Faraday Discussions		Online	JAN-DEC 2017		
70	Green Chemistry		Online	JAN-DEC 2017		
71	Issues in Environmental Sc. & Technology		Online	JAN-DEC 2017		
72	Journal of Analytical Atomic Spectrometry		Online	JAN-DEC 2017		
73	Journal of Environmental Monitoring		Online	JAN-DEC 2017		
74	Journal of Materials Chemistry B		Online	JAN-DEC 2017		
75	Journal of Materials Chemistry A		Online	JAN-DEC 2017		
76	Journal of Materials Chemistry C		Online	JAN-DEC 2017		
77	Lab on a Chip		Online	JAN-DEC 2017		
78	Laboratory Hazards Bulletin		Online	JAN-DEC 2017		
79	Methods in Organic Synthesis		Online	JAN-DEC 2017		
80	Molecular Biosystems		Online	JAN-DEC 2017		
81	Natural Product Reports		Online	JAN-DEC 2017		
82	Natural Product Updates		Online	JAN-DEC 2017		
83	New Journal of Chemistry	RSC Gold Top Up (51 Titles) (Online Only)	Online	JAN-DEC 2017	RSC, UK	855000
84	Organic & Biomolecular Chemistry		Online	JAN-DEC 2017		
85	Photochemical & Photobiological Sciences		Online	JAN-DEC 2017		
86	Physical Chemistry Chemical Physics		Online	JAN-DEC 2017		
87	Soft Matter		Online	JAN-DEC 2017		
88	The Analyst		Online	JAN-DEC 2017		
89	NANO SCALP		Online	JAN-DEC 2017		
90	RSC ADVANCES		Online	JAN-DEC 2017		
91	CHEMICAL SCIENCE		Online	JAN-DEC 2017		
92	Analytical Methods		Online	JAN-DEC 2017		

93	Biomaterials Science		Online	JAN-DEC 2017		
94	Catalysis Science & Technology		Online	JAN-DEC 2017		
95	Energy and Environmental Science		Online	JAN-DEC 2017		
96	Environmental Science: Nano		Online	JAN-DEC 2017		
97	Food & Function		Online	JAN-DEC 2017		
98	Integrative Biology		Online	JAN-DEC 2017		
99	Materials Horizons		Online	JAN-DEC 2017		
100	MedChemComm		Online	JAN-DEC 2017		
101	Metallomics		Online	JAN-DEC 2017		
102	Nanoscale		Online	JAN-DEC 2017		
103	Polymer Chemistry		Online	JAN-DEC 2017		
104	Toxicology Research		Online	JAN-DEC 2017		
105	Environmental Science: Nano		Online	JAN-DEC 2017		
106	Materials Horizons		Online	JAN-DEC 2017		
107	Inorganic Chemistry Frontier		Online	JAN-DEC 2017		
108	Organic Chemistry Frontier		Online	JAN-DEC 2017		
109	SPRINGER Journals (10 Subscribed Jnl.) & 2 Subject	SPRINGER	Online	JAN-DEC 2017		
110	Archives of Microbiology		Online	JAN-DEC 2017		
111	Biotechnology Letters		Online	JAN-DEC 2017		
112	Catalysis Letters		Online	JAN-DEC 2017		
113	Catalysis Surveys from Asia		Online	JAN-DEC 2017		
114	Plant Cell Reports		Online	JAN-DEC 2017		
115	Plant Cell, Tissue & Organ Culture		Online	JAN-DEC 2017		
116	Plant Molecular Biology		Online	JAN-DEC 2017		
117	Polymer Bulletin		Online	JAN-DEC 2017		
118	Reaction Kinetics, Mechanisms & Catalysis		Online	JAN-DEC 2017		
119	Topics in Catalysis		Online	JAN-DEC 2017		
120	Catalysis Reviews : Science & Engg.		Online	JAN-DEC 2017		
121	Nucleosides, Nucleotides & Nucleic acids	Taylor & Francis	Online	JAN-DEC 2017		
122	Separation Science & Technology		Online	JAN-DEC 2017		
123	Synthetic Communications		Online	JAN-DEC 2017		
124	Acta Crystallographica Section A		Online	JAN-DEC 2017		
125	Acta Crystallographica Section B		Online	JAN-DEC 2017		
126	Acta Crystallographica Section C		Online	JAN-DEC 2017		
127	Acta Crystallographica Section D		Online	JAN-DEC 2017		
128	Advanced Materials		Online	JAN-DEC 2017		
129	AIChE Journal		Online	JAN-DEC 2017		
130	Angewandte Chemie International Edition		Online	JAN-DEC 2017		
131	Biotechnology & Bioengineering		Online	JAN-DEC 2017		
132	Chemistry - A European Journal		Online	JAN-DEC 2017		
133	Environmental Progress & Sustainable Energy		Online	JAN-DEC 2017		
134	European Journal of Inorganic Chemistry		Online	JAN-DEC 2017		
135	European Journal of Organic Chemistry		Online	JAN-DEC 2017		
136	FEMS Microbiology Reviews		Online	JAN-DEC 2017		
137	International Journal of Quantum Chemistry		Online	JAN-DEC 2017		
138	Journal of Applied Polymer Science		Online	JAN-DEC 2017		
139	Journal of Pharmaceutical Sciences		Online	JAN-DEC 2017		
140	Journal of Polymer Science: PART A	WILEY	Online	JAN-DEC 2017		
141	Journal of Polymer Science: PART B		Online	JAN-DEC 2017		
142	Macromolecular Bioscience		Online	JAN-DEC 2017		
143	Macromolecular Chemistry and Physics		Online	JAN-DEC 2017		
144	Macromolecular Rapid Communications		Online	JAN-DEC 2017		
145	Macromolecular Symposia		Online	JAN-DEC 2017		
146	Macromolecular Theory and Simulations		Online	JAN-DEC 2017		
147	Polymer Engineering & Science		Online	JAN-DEC 2017		
148	Polymer International		Online	JAN-DEC 2017		
149	Process Safety Progress		Online	JAN-DEC 2017		
150	R & D Management		Online	JAN-DEC 2017		
151	The Chemical Record		Online	JAN-DEC 2017		
152	ChemCatChem Online		Online	JAN-DEC 2017		
153	ChemSusChem Online		Online	JAN-DEC 2017		
154	Chemistry - An Asian Journal Online		Online	JAN-DEC 2017		
155	SMALL Online		Online	JAN-DEC 2017		
156	Plant Cell	American Society of Plant Biologists	Online	JAN-DEC 2017	Allied	248528
157	Plant Physiology		Online	JAN-DEC 2017		
158	Synlett	THIEME	Online	JAN-DEC 2017	Allied	288732
159	Synthesis	THIEME	Online	JAN-DEC 2017	Allied	1297742



160	CHINA CHEMICAL REPORTER	BEIJING CDS INFORMATION CONSULTING CO LTD	Online	JAN-DEC 2017	BEIJING CDS INF CO. LTD.	66000
161	SCIENCE DIRECT - 2 Subject Collection + Cell Press T	Elsevier	Online	JAN-DEC 2017	ELSEVIER	18671994
162	Applied Physics Letters	AIP	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	186373
163	Journal of Chemical Physics	APS	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	165739
164	Physical Review A		Online	JAN-DEC 2017		
165	Physical Review B : Condensed Matter		Online	JAN-DEC 2017		
166	Physical Review E	Palgrave Macmillan /Nature Pub Group	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	Nil
167	Nature Online Main Journal		Online	JAN-DEC 2017	ICGR	100800
168	The Catalyst Review	ICGR	Online	JAN-DEC 2017	Total	Rs. 3,03,17,099

**EXPENDITURE ON DIGITAL DATABASES**

Sl.No	Title of the E & Print Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1	THOMSON INNOVATION DATABASE	THOMSON REUTERS	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	598167
2	WEB OF SCIENCE	THOMSON REUTERS	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	493971
3	SCIFINDER	CAS	Online	JAN-DEC 2017	NKRC Consortium, NISCAIR	2844958
Total						Rs. 39,37,096

**EXPENDITURE ON PRINT JOURNALS**

Sl.No	Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1	CHEMICAL INDUSTRY DIGEST	BLOCKDALE	PRINT	JAN-DEC 2017	BLOCKDALE	1350
2	THE ECONOMIST	Bennett, Coleman & Co. Ltd.	PRINT	SEPT'16-AUG'17	Bennett, Coleman & Co. Ltd.	7500
3	BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN	CHEMICAL SOCIETY OF JAPAN	PRINT + Online	JAN-DEC 2017	ALLIED	92861
4	CHEMISTRY LETTERS	CHEMICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2017	ALLIED	64495
5	POPULAR PLASTICS AND PACKAGING	COLOUR PUBLICATIONS PVT LTD	Print	JAN-DEC 2017	COLOUR	1500
6	INDUSTRIAL ECONOMIST	ECONOMIST COMMUNICATIONS LTD	Print + Online	JAN-DEC 2017	EC LTD.	200
7	JOURNAL OF CHEMICAL SCIENCES	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2017	IAS	1100
8	PROCEEDINGS OF THE INDIAN ACADEMY OF MATHE	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2017	IAS	500
9	RESONANCE	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2017	IAS	700
10	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	INDIAN CHEMICAL SOCIETY	PRINT	JAN-DEC 2017	ICS	5800
11	SCIENCE AND CULTURE	INDIAN SCIENCE NEWS ASSOCIATION	Print	JAN-DEC 2017	ISNA	2500
12	BIOLOGICAL AND PHARMACEUTICAL BULLETIN	PHARMACEUTICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2017	ALLIED	34459
13	CHEMICAL AND PHARMACEUTICAL BULLETIN	PHARMACEUTICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2017	ALLIED	4500
14	ECONOMIC AND POLITICAL WEEKLY	Sameeksha Trust	PRINT	JAN-DEC 2017	SAMEEKSHA TRUST	1500
15	CHEMICAL WEEKLY	SEVAK PUBLICATIONS	PRINT	JAN-DEC 2017	SEVAK	7001
16	HARVARD BUSINESS REVIEW	Harvard Business Publishing	Print	JUNE'2017-MAY'2018	ALLIED	800
17	ENERGY FUTURE	THE ENERGY AND RESOURCES INSTITUTE -TERI	PRINT	JAN-DEC 2017	TERI	34723
18	CHEMICAL ENGINEERING PROGRESS	AICHE - AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	Print + Online	JAN-DEC 2017	ALLIED	Nil
19	CURRENT SCIENCE	INDIAN ACADEMY OF SCIENCES	PRINT + Online	JAN-DEC 2017	IAS	Nil
Total						Rs. 2,61,509

**(Grand Total - 3,45,15,704)****2017 E + P Journal+ E-Database Subscription Expenditure****Three Crores Forty five lacs Fifteen thousand seven hundred four rupees****In words :**

## EXPENDITURE REGARDING SUBSCRIPTION OF E-JOURNALS, DIGITAL DATABASES &amp; PRINT JOURNALS BY NCL PUNE FOR THE YEAR 2018

## EXPENDITURE ON E-JOURNALS

Sl.No	Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1	Science Online + Science Classics Back Files AMC	AAAS	Online	JAN-DEC 2018	Group list	145557
2	ACS All Titles - 41 Journals Complete Web Edition (U	ACS	Online	JAN-DEC 2018	NKRC Consortium, NISCAIR	8896157
3	Accounts of Chemical Research		Online	JAN-DEC 2018		
4	ACS Applied Materials & Interfaces		Online	JAN-DEC 2018		
5	ACS Catalysis		Online	JAN-DEC 2018		
6	ACS Chemical Biology		Online	JAN-DEC 2018		
7	ACS Chemical Neuroscience		Online	JAN-DEC 2018		
8	ACS Combinatorial Science		Online	JAN-DEC 2018		
9	ACS Medicinal Chemistry Letters		Online	JAN-DEC 2018		
10	ACS Nano		Online	JAN-DEC 2018		
11	Analytical Chemistry		Online	JAN-DEC 2018		
12	Biochemistry		Online	JAN-DEC 2018		
13	Biocjugate Chemistry		Online	JAN-DEC 2018		
14	Biomacromolecules		Online	JAN-DEC 2018		
15	Chemical Research in Toxicology		Online	JAN-DEC 2018		
16	Chemical Reviews		Online	JAN-DEC 2018		
17	Chemistry of Materials		Online	JAN-DEC 2018		
18	Crystal Growth and Design		Online	JAN-DEC 2018		
19	Energy & Fuels		Online	JAN-DEC 2018		
20	Environmental Science & Technology		Online	JAN-DEC 2018		
21	Industrial & Engineering Chemistry Research		Online	JAN-DEC 2018		
22	Inorganic Chemistry		Online	JAN-DEC 2018		
23	Journal of Agricultural & Food Chemistry		Online	JAN-DEC 2018		
24	Journal of Chemical & Engineering Data		Online	JAN-DEC 2018		
25	Journal of Chemical Education		Online	JAN-DEC 2018		
26	Journal of Chemical Information and modeling		Online	JAN-DEC 2018		
27	Journal of Chemical theory and computation		Online	JAN-DEC 2018		
28	Journal of Medicinal chemistry		Online	JAN-DEC 2018		
29	Journal of Natural products		Online	JAN-DEC 2018		
30	Journal of Organic chemistry		Online	JAN-DEC 2018		
31	Journal of Physical Chemistry A		Online	JAN-DEC 2018		
32	Journal of Physical Chemistry B		Online	JAN-DEC 2018		
33	Journal of Physical Chemistry C		Online	JAN-DEC 2018		
34	Journal of Physical Chemistry Letters		Online	JAN-DEC 2018		
35	Journal of Proteome Research		Online	JAN-DEC 2018		
36	Journal of the American Chemical Society		Online	JAN-DEC 2018		
37	Langmuir		Online	JAN-DEC 2018		
38	Macromolecules		Online	JAN-DEC 2018		
39	Molecular Pharmaceutics		Online	JAN-DEC 2018		
40	Nano Letters		Online	JAN-DEC 2018		
41	Organic Letters		Online	JAN-DEC 2018		
42	Organic Process Research & Development		Online	JAN-DEC 2018		
43	Organometallics		Online	JAN-DEC 2018		
44	Nature Chemical Biology	Springer Nature	Online	JAN-DEC 2018	NKRC Consortium, NISCAIR	539382
45	Nature Chemistry		Online	JAN-DEC 2018		
46	Nature Materials		Online	JAN-DEC 2018		
47	Nature Communications		Online	JAN-DEC 2018		
48	Nature Nanotechnology		Online	JAN-DEC 2018		
49	Nature Structural & Molecular Biology		Online	JAN-DEC 2018		
50	Nature Reviews Drug Discovery		Online	JAN-DEC 2018		
51	Journal of Antibiotics		Online	JAN-DEC 2018		
52	Nature Cell Biology		Online	JAN-DEC 2018		
53	Nature Methods		Online	JAN-DEC 2018		
54	Nature Reviews Molecular Cell biology		Online	JAN-DEC 2018		
55	Nature Reviews Cancer		Online	JAN-DEC 2018		
56	Nature Protocols		Online	JAN-DEC 2018		
57	Nature Biotechnology		Online	JAN-DEC 2018		
58	Analyst	RSC Gold (43 Titles) (Online Only)	Online	JAN-DEC 2018	NKRC Consortium, NISCAIR	1130308
59	Analytical Methods		Online	JAN-DEC 2018		
60	Biomaterials Science		Online	JAN-DEC 2018		
61	Catalysis Science & Technology		Online	JAN-DEC 2018		
62	Chemical Communications		Online	JAN-DEC 2018		
63	Chemical Science		Online	JAN-DEC 2018		
64	Chemical Society Reviews		Online	JAN-DEC 2018		
65	CrystEngComm		Online	JAN-DEC 2018		
66	Dalton Transactions		Online	JAN-DEC 2018		
67	Energy & Environmental Science		Online	JAN-DEC 2018		
68	Environmental Science, Process & Impacts		Online	JAN-DEC 2018		
69	Faraday Discussions		Online	JAN-DEC 2018		
70	Food & Function		Online	JAN-DEC 2018		
71	Green Chemistry		Online	JAN-DEC 2018		
72	Integrative Biology		Online	JAN-DEC 2018		
73	Journal of Analytical Atomic Spectrometry		Online	JAN-DEC 2018		
74	Journal of Materials Chemistry A		Online	JAN-DEC 2018		
75	Journal of Materials Chemistry B		Online	JAN-DEC 2018		
76	Journal of Materials Chemistry C		Online	JAN-DEC 2018		
77	Lab on a Chip		Online	JAN-DEC 2018		
78	MedChemComm		Online	JAN-DEC 2018		
79	Metallomics		Online	JAN-DEC 2018		
80	Molecular Omics		Online	JAN-DEC 2018		
81	Nanoscale		Online	JAN-DEC 2018		
82	Natural Product Reports		Online	JAN-DEC 2018		
83	New Journal of Chemistry		Online	JAN-DEC 2018		
84	Organic & Biomolecular Chemistry		Online	JAN-DEC 2018		
85	Photochemical & Photobiological Sciences		Online	JAN-DEC 2018		
86	Physical Chemistry Chemical Physics		Online	JAN-DEC 2018		



87 Polymer Chemistry	Online	JAN-DEC 2018		
88 ACS Advances	Online	JAN-DEC 2018		
89 Tech Mater	Online	JAN-DEC 2018		
90 Sustainable Energy & Fuels*	Online	JAN-DEC 2018		
91 Technology Research	Online	JAN-DEC 2018		
92 Materials Chemistry Frontiers*	Online	JAN-DEC 2018		
93 Chemistry World	Online	JAN-DEC 2018		
94 Education in Chemistry	Online	JAN-DEC 2018		
95 Analytical Abstracts	Online	JAN-DEC 2018		
96 Chemical Abstracts in Industry	Online	JAN-DEC 2018		
97 Laboratory Research Bulletin	Online	JAN-DEC 2018		
98 Natural Product Updates	Online	JAN-DEC 2018		
99 Synthetic Reaction Updates	Online	JAN-DEC 2018		
100 Issues in Environmental Science & Technology	Online	JAN-DEC 2018		
101 SPRINGER Journals (10 Subscribed Jnl.) & 2 Subject Collections: a) Chemistry & Materials	Online	JAN-DEC 2018		
102 Archives of Microbiology	Online	JAN-DEC 2018		
103 Biotechnology Letters	Online	JAN-DEC 2018		
104 Catalysis Letters	Online	JAN-DEC 2018		
105 Catalysis Reviews from Asia	Online	JAN-DEC 2018		
106 Plant Cell Reports	Online	JAN-DEC 2018		
107 Plant Cell Tissue & Organ Culture	Online	JAN-DEC 2018		
108 Plant Molecular Biology	Online	JAN-DEC 2018		
109 Polymer Bulletin	Online	JAN-DEC 2018		
110 Reaction Kinetics, Mechanisms & Catalysis	Online	JAN-DEC 2018		
111 Topics in Catalysis	Online	JAN-DEC 2018		
112 Catalysis Reviews: Science & Engg	Online	JAN-DEC 2018		
113 Nucleosides, Nucleotides & Nucleic acids	Online	JAN-DEC 2018		
114 Separation Science & Technology	Online	JAN-DEC 2018		
115 Synthetic Communications	Online	JAN-DEC 2018		
116 Acta Crystallographica Section A	Online	JAN-DEC 2018		
117 Acta Crystallographica Section B	Online	JAN-DEC 2018		
118 Acta Crystallographica Section C	Online	JAN-DEC 2018		
119 Acta Crystallographica Section D	Online	JAN-DEC 2018		
120 Advanced Materials	Online	JAN-DEC 2018		
121 AIChE Journal	Online	JAN-DEC 2018		
122 Angewandte Chemie International Edition	Online	JAN-DEC 2018		
123 Biotechnology & Bioengineering	Online	JAN-DEC 2018		
124 Chemistry - A European Journal	Online	JAN-DEC 2018		
125 Environmental Progress & Sustainable Energy	Online	JAN-DEC 2018		
126 European Journal of Inorganic Chemistry	Online	JAN-DEC 2018		
127 European Journal of Organic Chemistry	Online	JAN-DEC 2018		
128 Faraday Discussions Reviews	Online	JAN-DEC 2018		
129 International Journal of Quantum Chemistry	Online	JAN-DEC 2018		
130 Journal of Applied Polymer Science	Online	JAN-DEC 2018		
131 Journal of Pharmaceutical Sciences	Online	JAN-DEC 2018		
132 Journal of Polymer Science PART A	Online	JAN-DEC 2018		
133 Journal of Polymer Science PART B	Online	JAN-DEC 2018		
134 Macromolecular Bioscience	Online	JAN-DEC 2018		
135 Macromolecular Chemistry and Physics	Online	JAN-DEC 2018		
136 Macromolecular Rapid Communications	Online	JAN-DEC 2018		
137 Macromolecular Symposia	Online	JAN-DEC 2018		
138 Macromolecular Theory and Simulations	Online	JAN-DEC 2018		
139 Polymer Engineering & Science	Online	JAN-DEC 2018		
140 Polymer International	Online	JAN-DEC 2018		
141 Process Safety Progress	Online	JAN-DEC 2018		
142 R & D Management	Online	JAN-DEC 2018		
143 The Chemical Record	Online	JAN-DEC 2018		
144 ChemComm Online	Online	JAN-DEC 2018		
145 ChemSusChem Online	Online	JAN-DEC 2018		
146 Chemistry - An Asian Journal Online	Online	JAN-DEC 2018		
147 CMAA Online	Online	JAN-DEC 2018		
148 Plant Cell	Online	JAN-DEC 2018		
149 Plant Physiology	Online	JAN-DEC 2018		
150 Synlett	Online	JAN-DEC 2018		
151 Synthesis	Online	JAN-DEC 2018		
152 SCIENCE DIRECT Selected 46 R-Jnl & Chemistry Subject Collections Free	Online	JAN-DEC 2018		
153 Applied Physics Letters	Online	JAN-DEC 2018		
154 Journal of Chemical Physics	Online	JAN-DEC 2018		
155 Physical Review A	Online	JAN-DEC 2018		
156 Physical Review B: Condensed Matter	Online	JAN-DEC 2018		
157 Physical Review E	Online	JAN-DEC 2018		
158 Nature Online Main Journal	Online	JAN-DEC 2018		
159 The Catalyst Review	Online	JAN-DEC 2018		
Total				Rs. 3,68,89,503

#### EXPENDITURE ON DIGITAL DATABASES

Sr.No./Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1. THOMSON INNOVATION DATABASE	THOMSON REUTERS	Online	JAN-DEC 2018	NKRC Consortium, NISCAIR	726811
2. JOURNALS OF SCIENCE	THOMSON REUTERS	Online	JAN-DEC 2018	NKRC Consortium, NISCAIR	460326
3. SCISEARCH	CAS	Online	JAN-DEC 2018	NKRC Consortium, NISCAIR	3292620
<b>Total</b>					<b>Rs. 45,59,758</b>

#### EXPENDITURE ON PRINT JOURNALS

Sr.No./Title of the Resource	Publisher	Access Mode	Subscription Period	Subscribed Through	Cost in INR
1. CHEMICAL INDUSTRY DIGEST	BLOCKDALE	PRINT	JAN-DEC 2018	BLOCKDALE	1350
2. JOURNAL OF THE CHEMICAL SOCIETY OF JAPAN	CHEMICAL SOCIETY OF JAPAN	PRINT + Online	JAN-DEC 2018	ALLIED	116676
3. CHEMISTRY LETTERS	CHEMICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2018	ALLIED	86035
4. INDUSTRIAL ECONOMIST	ECONOMIST COMMUNICATIONS LTD	Print + Online	JAN-DEC 2018	IC LTD	200
5. JOURNAL OF CHEMICAL SCIENCES	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2018		

6	PROCEEDINGS OF THE INDIAN ACADEMY OF MATHEMATICAL SCIENCES	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2018	IAS	3500
7	RESONANCE	INDIAN ACADEMY OF SCIENCES	Print	JAN-DEC 2018		
8	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	INDIAN CHEMICAL SOCIETY	PRINT	JAN-DEC 2018	ICS	5800
9	SCIENCE AND CULTURE	INDIAN SCIENCE NEWS ASSOCIATION	Print	JAN-DEC 2018	ISNA	2500
10	CHEMICAL ENGINEER	INSTITUTION OF CHEMICAL ENGINEERS	PRINT	JAN-DEC 2018	ALLIED	23257
11	CHEMICAL ENGINEERING WORLD	JASUBHAI DIGITAL MEDIA PVT LTD	Print + Online	JAN-DEC 2018	JASUBHAI	1620
12	FIRE AND SAFETY	KINGS INFO MEDIA	PRINT	MAY'14 - APR'15	KINGS INFO MEDIA	2000
13	BIOLOGICAL AND PHARMACEUTICAL BULLETIN	PHARMACEUTICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2018	ALLIED	33343
14	CHEMICAL AND PHARMACEUTICAL BULLETIN	PHARMACEUTICAL SOCIETY OF JAPAN	Print + Online	JAN-DEC 2018		
15	NEW SCIENTIST	REED BUSINESS PUBLICATIONS	Print + Online	JUNE'18-MAY'19	ALLIED	21015
16	ECONOMIC AND POLITICAL WEEKLY	Sameeksha Trust	PRINT	JAN-DEC 2018	SAMEEKSHA TRUST	4500
17	CHEMICAL WEEKLY	SEVAK PUBLICATIONS	PRINT	JAN-DEC 2018	SEVAK	1500
18	ENERGY FUTURE	THE ENERGY AND RESOURCES INSTITUTE	PRINT	JAN-DEC 2018	TERI	800
19	CHEMICAL ENGINEERING PROGRESS	AIChE - AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	Print + Online	JAN-DEC 2018	ALLIED	41153
20	THE ECONOMIST	Bennett, Coleman & Co. Ltd.	PRINT	JAN-DEC 2018	Bennett, Coleman & Co. Ltd.	10000
21	HARVARD BUSINESS REVIEW	Harvard Business Publishing	Print	JUNE'2018-MAY'20	ALLIED	8474
22	CURRENT SCIENCE	INDIAN ACADEMY OF SCIENCES	PRINT + Online	JAN-DEC 2018	IAS	Nil
<b>Total</b>						<b>Rs. 3,58,713</b>

**2018 E + P Journal+ E-Database Subscription Expenditure**

**(Grand Total - 4,17,67,974)**

In words :

**Four Crores seventeen lacs sixty seven thousand nine hundred seventy four rupees**